

# Agenda

Hilton Cocoa Beach Oceanfront • May 11–15, 2009

## Monday, May 11, 2009

- Shuttle Launch Viewing (Scheduled for 2:01 p.m.)
  - *Gather in Hilton Cocoa Beach Oceanfront hotel lobby to meet Kennedy Space Center escort and depart (11:00 a.m.)*
  - *Disembark at Visitors Complex and arrive at causeway for launch (11:15 a.m.–Noon)*
    - Note: Food will be available on sale for lunch

## Tuesday, May 12, 2009

- Kennedy Space Center Tour (8:30 a.m.–4:45 p.m.)
  - *Gather in Hilton Cocoa Beach Oceanfront hotel lobby to meet Kennedy Space Center escort (8:30 a.m.)*
  - *Bus departs hotel to Kennedy Space Center (8:45 a.m.)*
  - *Tour of Kennedy Space Center Space Shuttle facilities*
    - No children under 12 allowed
  - *Conclude tour/shuttle bus departs for hotel (4:00 p.m.)*

## Wednesday, May 13, 2009

### 7:00 a.m.–8:00 p.m.

- Breakfast (7:00 a.m.–8:00 a.m.)
- Welcome (8:00 a.m.–8:15 a.m.)
  - *Robert Cabana, Director, Kennedy Space Center*
- Opening Remarks and Overview of Masters Forum 18 (8:15 a.m.–8:30 a.m.)
  - *Ed Hoffman, Academy Director, and Katherine Thomas, ASRC/NASA APPEL*
- The Shuttle Program: Formulation, Development, and Operations (8:30 a.m.–9:45 a.m.)
  - *Panel Chair: Thomas (Tom) L. Moser, NASA (retired)*
  - *PM and Flight Systems: Thomas (Tom) L. Moser, NASA (retired)*
  - *Propulsion Systems: James B. Odom, SAIC and NASA (retired)*
- Break (9:45 a.m.–10:00 a.m.)
- The Shuttle Program: Formulation, Development, and Operations, Continued (10:00 a.m.–11:45 a.m.)
  - *Launch Development and Ops: Russel E. Rhodes, Kennedy Space Center*
  - *Mission/Flight Ops: John O'Neill, NASA (retired)*
  - *Q&A, Reflections, and Discussions*
- Lunch (Noon–1:00 p.m.)
- Return to Flight: Lessons Learned from *Challenger* and *Columbia* (1:00 p.m.–2:00 p.m.)
  - *Bryan O'Connor, NASA Headquarters*
- The Shuttle Mission: Enabling Science and Exploration (2:00 p.m.–3:15 p.m.)
  - *Panel Chair: Noel W. Hinners, Consultant*
  - *HST Service Mission-1: Joe Rothenberg, Universal Space Network and NASA (retired)*
  - *Spacelab/Flight Projects: Michael J. Sander, Jet Propulsion Laboratory*
- Break (3:15 p.m.–3:30 p.m.)
- The Shuttle Mission: Enabling Science and Exploration, Continued (3:30 p.m.–5:45 p.m.)
  - *Life Sciences: John B. Charles, Johnson Space Center*
  - *Microgravity Sciences: Roger Crouch, NASA (retired)*
  - *SSP/ISS Development/Synergy: Tommy W. Holloway, NASA (retired)*
  - *Q&A, Reflections, and Discussions*

- Dinner (6:15 p.m.–7:00 p.m.)
- The Hubble Partnership: Discoveries, Reflections, and Future Challenges in Science (7:00 p.m.–8:00 p.m.)
  - *Laurie Leshin, Goddard Space Flight Center*

## **Thursday, May 14, 2009**

### **7:00 a.m.–7:15 p.m.**

- Breakfast (7:00 a.m.–8:00 a.m.)
- Reconvene, Agenda Review, and Announcements (8:00 a.m.–8:15 a.m.)
  - *Ed Hoffman, Academy Director, and Katherine Thomas, ASRC/NASA APPEL*
- Group Picture (8:15 a.m.–8:30 a.m.)
- Using Case Studies to Learn from Experience (8:30 a.m.–9:30 a.m.)
  - *Edward W. Rogers, Goddard Space Flight Center*
  - *Matthew Kohut, InFact Communications/NASA APPEL*
- Capturing Shuttle/ISS Knowledge for Constellation (9:30 a.m.–10:30 a.m.)
  - *David M. Lengyel, NASA Headquarters*
  - *Brent J. Fontenot, Johnson Space Center*
- Break (10:30 a.m.–10:45 a.m.)
- Knowledge Capture Exercise and Report Out (10:45 a.m.–Noon)
  - *Ed Hoffman, Academy Director, and Katherine Thomas, ASRC/NASA APPEL*
- Lunch (Noon–1:00 p.m.)
- Key Challenges and Opportunities in Developing Constellation Space Transportation Elements (1:00 p.m.–2:45 p.m.)
  - *Panel Chair: Geoffrey L. Yoder, NASA Headquarters*
  - *Constellation Architecture Studies: John M. Olson, NASA Headquarters*
  - *Ares I and Ares V: John (Phil) P. Sumrall, Marshall Space Flight Center*
- Break (2:45 p.m.–3:00 p.m.)
- Key Challenges and Opportunities in Developing Constellation Space Transportation Elements, Continued (3:00 p.m.–4:45 p.m.)
  - *Orion: Mark S. Geyer, Johnson Space Center*
  - *Altair: John F. Connolly, Johnson Space Center*
  - *Q&A, Reflections, and Discussions*
- How NASA Learns (4:45 p.m.–5:30 p.m.)
  - *Ed Hoffman, Academy Director, and Matthew Kohut, InFact Communications/NASA APPEL*
  - *Group Reports*
- Evaluation and Forum Conclusion (5:30 p.m.–5:45 p.m.)
  - *Ed Hoffman, Academy Director, and Katherine Thomas, ASRC/NASA APPEL*
- Dinner (6:15 p.m.–7:15 p.m.)